

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	chip near15 partic\$5 near14 suppl\$5 and czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 12:26
S2	35	(polysil or polysilicon silicon or si) near15 partic \$5 near14 suppl\$5 and czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 12:26
S3	115	117/18,33.ccls. and czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 12:31
S4	58	117/18,33.ccls. and czochralski and shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 12:31
S5	33	117/18,33.ccls. and czochralski and (powder or granu\$4 or particle) near16 (size or diameter or shape or spher\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 13:38
S6	0	117/18,33.ccls. and czochralski and (powder or granu\$4 or particle) near16 baffle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 13:46
S7	2	117/18,33.ccls. and (powder or granu\$4 or particle) near16 baffle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 13:46
S8	2	"20030077128"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 13:48
S9	2	"6609870".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 13:49

S10	36	("2762658"   "3093420"   "3780446"   "4058227"   "4082004"   "4089563"   "4120203"   "4165133"   "4200412"   "4252478"   "4280419"   "4284032"   "4312388"   "4449863"   "4552573"   "4568453"   "4599016"   "4599017"   "4640205"   "4648432"   "4659262"   "4812086"   "4818117"   "4826361"   "4834586"   "4872493"   "4893966"   "4976288"   "5184730"   "5252008"   "5350257"   "5584612"   "5746258"   "5967704"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/22 13:50
S11	25	"117"/\$.ccls. and (powder or granu\$4 or particle) near16 baffle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 13:50
S12	22	"117"/\$.ccls. and (powder or granu\$4 or particle) near16 deflect\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 13:52
S13	29	(US-20060060133-\$ or US- 20080031720-\$ or US- 20040112276-\$ or US- 20030159647-\$ or US- 20030061985-\$).did. or (US-7311772-\$ or US- 7001456-\$ or US-6908509- \$ or US-5829968-\$ or US- 4597531-\$ or US-4515229- \$).did. or (JP-2004035357- \$ or JP-2006089294-\$). did. or (JP-2007204306-\$ or JP-2007261836-\$ or JP- 08040796-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 14:06
S14	2	"20030159647".pn. and (chips and particle)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 14:08
S15	2	"20030159647".pn. and \$4spher\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/22 14:09

S16	322	(si or silicon or polysi or polysilicon) near15 meander\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 22:20
S17	3	(si or silicon or polysi or polysilicon) near15 meander\$5 and "117"\$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 22:20
S18	112	(si or silicon or polysi or polysilicon) near15 (granul \$5 or powder or particle) near15 (pip\$3 or tub\$3) and "117"\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 22:21
S19	2	"20030077128"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 22:25
S20	1	("2003/0077128").URPN.	USPAT	OR	ON	2010/03/27 22:26
S21	109	(si or silicon or polysi or polysilicon) near15 (granul \$5 or powder or particle) near15 (ar or argon or inert) and "117"\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 22:50
S22	23	("5588993").URPN.	USPAT	OR	ON	2010/03/27 22:54
S23	3	("5733368").URPN.	USPAT	OR	ON	2010/03/27 22:56
S24	6	("4660149"   "5462011"   "5485802"   "5524571"   "5587016"   "5588993"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/27 22:56
S25	1	"20070184560"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/27 22:57
S26	213014	(spherical or diameter) near10 particle	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/27 23:00
S27	8595	(spherical or diameter) near10 particle near15 (chunk or flake or crush \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 23:01
S28	63	(ingo near2 schwirtlich or hilmar near2 von near2 campe).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 23:36

S29	913	(si or silicon) near10 feed \$5 near15 (particle or spher\$5 or granul\$4 or powder\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 23:43
S30	24	(si or silicon) near10 feed \$5 near15 (particle or spher\$5 or granul\$4 or powder\$4) near15 combin \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 23:49
S31	66	(si or silicon) near10 feed \$5 near15 (particle or spher\$5) near14 (flak\$5 granul\$4 or powder\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 23:53
S32	38	(si or silicon) near10 feed \$5 near15 (particle or spher\$5) near14 (flak\$5 granul\$4 or powder\$4) and (si or silicon) near10 (melt\$4 or molten or liquid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 23:55
S33	2435	(si or silicon) near10 (particle or spher\$5) near14 (flak\$5 granul\$4 or powder\$4) and (si or silicon) near10 (melt\$4 or molten or liquid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/28 17:58
S34	121	(si or silicon) near10 (particle or spher\$5) near14 (flak\$5 granul\$4 or powder\$4) and (si or silicon) near10 (melt\$4 or molten or liquid) and "117"/\$.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/28 17:59
S35	11	(si or silicon) near10 (particle or spher\$5) near14 (flak\$5 granul\$4 or powder\$4) near15 (mix or mixture or combination) and (si or silicon) near10 (melt\$4 or molten or liquid) and "117"/\$.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/28 18:00
S36	454	(si or silicon) near10 (particle or spher\$5) near14 (flak\$5 granul\$4 or powder\$4) near15 (mix or mixture or combination) and (si or silicon) near10 (melt\$4 or molten or liquid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/28 18:04

S37	25	(si or silicon) near10 (partide or spher\$5) near14 (flak\$5 granu\$4 or powder\$4) near15 (mix or mixture or combination) and (si or silicon) near10 (melt\$4 or molten or liquid) and (si or silicon) near10 feed\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/28 18:05
S38	121	(si or silicon) near10 (partide or spher\$5) near14 (flak\$5 granu\$4 or powder\$4) near15 (mix or mixture or combination) and (si or silicon) near10 (melt\$4 or molten or liquid) and (si or silicon or partide) near15 (irregular or flake or crush\$4 or polygon or rod)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/28 18:06
S39	233	117/18,30,33.ccls. and (shap\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/28 18:10
S40	25	117/18,30,33.ccls. and (shap\$5) near15 (partide or granu\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/28 18:11
S41	7	117/18,30,33.ccls. and irregular\$4 near15 (partide or granu\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/28 21:12
S42	2	"20040211358"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/28 21:16
S43	1	117/18,30,33.ccls. and deflect\$5 near15 (cone or conical)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/28 21:20
S44	1	"5270020".pn. and chunk	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/28 22:02

S45	2	"5270020".pn. and (si or silicon)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/28 22:02
S46	1	"5087321".pn. and lump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/28 22:05
S47	137	die near15 EFG	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/29 06:42
S48	93	die near15 EFG and "117"/\$.cls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/29 06:43
S49	133	(si or silicon) near15 (spher\$6) near10 irregul \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/29 06:43
S50	15	S49 and "117"/\$.cls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/29 06:45
S51	18	particle near15 deflect\$5 and (Si or silicon) near5 melt	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/29 07:57

**EAST Search History (Interference)**

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